LINKSYS®
A Division of Cisco Systems, Inc.

SRW2024

Secure, reliable, intelligent, managed gigabit switching for your growing business

Growing businesses require cost effective, networking solutions that can scale with ever changing business needs. The Linksys SRW2024 WebView managed switch brings gigabit speeds to your users and servers, while adding a whole new level of intelligence and security to the network infrastructure. The 24 10/100/1000 Mbps ports enable you take advantage of the Gigabit Ethernet interfaces shipping on the current generation of servers, workstations and storage device in addition to supporting your existing 10/100 Mbps clients. The optional Gigabit optical interfaces allow you to expand network as your business grows.

Network security is a top priority in any size business. Unauthorized access to the network and mission critical data is a constant concern. The SRW2024 is able to secure the network through 802.1x port authentication. 802.1x requires client to authenticate themselves before the port will pass data.

Businesses are recognizing the benefits of doing Voice over IP (VoIP) and are quickly migrating their voice services to IP based platforms, requiring their local area networks to support both voice and data applications. In unmanaged IP networks, bursty data sessions can disrupt voice packet delivery, causing poor voice quality. With the enhanced QoS and traffic management features in the SRW2024, voice data can be prioritized, ensuring clear and reliable voice communications.

Enabling the SRW2024 advanced features further secures the integrity of your network. The WebView interface provides an intuitive, secure management interface enabling you to better utilize the comprehensive feature-set of the switch, resulting in a better optimized, more secure network.

Brings gigabit speeds to your network, addressing the needs of power users and high bandwidth applications

Increases network security secure user control via 802.1x port authentication

Enables the network to be optimized for your networked applications, including voice, video and data storage

Provides intelligent traffic management with rate limiting, policing, shaping, and multicast support

PRODUCT DATA

BUSINESS SERIES

24-Port 10/100/1000 + 2-Port miniGBIC Gigabit Switch with WebView

Model: SRW2024 v1.2

CISCO SYSTEMS

Features

- 24 10/100/1000 Gigabit Ethernet ports
- 2 MiniGBIC slots for Fiber Gigabit Ethernet expansion
- Non-blocking, Store-and-Forward switching mechanism
- Simplified QoS management enabled by advanced queuing techniques using 802.1p, Diffserv or ToS traffic prioritization specifications
- Configuration and monitoring from a standard web browser with WebView management
- Secure remote management of the switch via SSH and SSL secure channel network protocols
- 802.1Q based VLANs enable segmentation of networks for improved performance and security
- Private VLAN Edge for simplified network isolation for guests connections or autonomous networks
- Automatic configuration of VLANs across multiple switches through GVRP/GARP
- Automatic port configuration through auto MDI/MDIX and 802.1ab (LLDP)
- User/Network port level security via 802.1x authentication and MAC-based filtering

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24-Port 10/100/1000 + 2-Port miniGBIC Gigabit Switch with WebView

Specifications

Model	SRW2024 - 24-Port 10/100/1000 Gigabit Switch with WebView
Standards	IEEE 802.3, 802.3u, 802.3ab, 802.3x, 802.1p, 802.1q
Ports	24 10/100/1000 RJ-45 ports and 2 shared MiniGBIC slots
Cabling Type	Cat5e or better
LEDs	System, Link/Activity, Gigabit

Performance

Switching Capacity	48 Gbps, non-blocking
MAC table size	8K
Number of VLANs	256 VLANs

Management

Web User Interface	Built-in Web UI for easy browser-based configuration (HTTP/HTTPS)
SNMP	SNMP version v1, v2c, v3 with support for traps
SNMP MIBs	RFC1213 MIB-2, RFC2863 Interface MIB, RFC2665 Ether-like MIB, RFC1493 Bridge MIB, RFC2674 Extended Bridge MIB (P-bridge, Q-bridge), RFC2819 RMON MIB (groups 1,2,3,9 only), RFC 2618 RADIUS Client MIB
RMON	Embedded Remote Monitoring (RMON) software agent supports four RMON groups (history, statistics, alarms, and events) for enhanced traffic management, monitoring, and analysis
Firmware Upgrade	Web Browser upgrade (HTTP) TFTP upgrade
Port Mirroring	Traffic on a port can be mirrored to another port for analysis with a network analyzer or RMON probe
Other Management	RFC854 Telnet (Menu-driven configuration) Secure Shell (SSH) and Telnet Management RADIUS TACACS+ Telnet Client SSL security for Web UI Switch Audit Log DHCP Client BootP SNTP Xmodem upgrade Cable Diagnostics PING Traceroute Syslog

Security Features

IEEE 802.1x	802.1x - RADIUS Authentication. MD5 Encryption
Access Control	MAC based ACL
Availability	
Link Aggregation	Link Aggregation using IEEE 802.3ad LACP Up to 8 ports in up to 8 trunks
Storm Control	Broadcast, Multicast, and Unknown Unicast
Spanning Tree	IEEE 802.1d Spanning Tree, IEEE 802.1s Multiple Spanning Tree, IEEE 802.1w Rapid Spanning Tree, Fast Linkover
IGMP Snooping	IGMP (v1/v2) snooping provides for fast client joins and leaves of multicast streams and limits bandwidth-intensive video traffic to only the requestors.

- Increased the bandwidth (up to 8x) and added link redundancy with Link Aggregation Control Protocol (LACP)
- Enhanced rate limiting capabilities provide control, including back pressure to control the rate that data that can flow in and out of a port
- Broadcast, Multicast, and Unknown Unicast Storm control
- Port Mirroring for non-invasive monitoring of switch traffic
- Jumbo frame support (10KB)
- SNMP v1, v2c, v3 and RMON support
- Fully rack-mountable using the included rack-mounting hardware

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Linksys products are available in more than 50 countries, supported by 12 Linksys Regional Offices throughout the world. For a complete list of local Linksys Sales and Technical Support contacts, visit our Worldwide Web Site at www.linksys.com.

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QoS

Priority levels	4 Hardware queues
Scheduling	Priority Queueing and Weighted Round Robin (WRR)
Class of Service	Port-based 802.1p VLAN priority based IP ToS/ IP Precedence based CoS IPv6 Traffic Class based CoS Diffserv MAC Address port security* VLAN ID* MAC Address* IP Address* Sub-net Mask* Service Type* Protocol* TCP/UDP Port*

Layer 2

VLAN	Port-based and 802.1q based VLANs Private VLAN Edge (PVE) Management VLAN
HOL Blocking	Head of line blocking prevention
Jumbo frame	Supports frames up to 10K byte frames
Dynamic VLAN	GVRP - Dynamic VLAN Registration
Standards	802.3i 10BASE-T Ethernet, 802.3u 100BASE-TX Fast Ethernet, 802.3ab 1000BASE-T Gigabit Ethernet, 802.3z Gigabit Ethernet, 802.3x Flow Control

Environmental

Dimensions W x H x D	16.93" x 1.75" x 13.78" (430 x 44.5 x 350 mm)
Unit Weight	7.3 lb (3.311 kg)
Power	100-240V 0.5A
Certification	FCC Part15 Class A, CE Class A, UL, cUL, CE mark, CB
Operating Temperature	32 to 104ºF (0 to 40ºC)
Storage Temperature	-40 to 158ºF (-40 to 70ºC)
Operating Humidity	20 to 95% relative humidity, noncondensing
Storage Humidity	5 to 90% noncondensing

Package Contents

- SRW2024 - 24-Port 10/100/1000 Gigabit Switch with WebView
- AC Power Cord
- Rack Mounting Kit with brackets and hardware
- CD with User Guide in PDF format
- Registration Card
- Console Cable

Minimum Requirements

- Cat5 Ethernet Network Cable
- TCP/IP Protocol installed on each computer within the network
- Network Adapter installed in each computer
- Network Operating System (e.g. Windows, Linux, MacOS X)

* Denotes features found only in v1.2 of hardware

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Model: SRW2024